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Docket No.: 432.004 CIP/10101579  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Igor A. KRICHTAFOVITCH *et al.*

Application No.: 10/735,302

Confirmation No.: 9956

Filed: December 15, 2003

Art Unit: 2821

For: **METHOD OF AND APPARATUS FOR  
ELECTROSTATIC FLUID ACCELERATION  
CONTROL OF A FLUID FLOW**

Examiner: Not Yet Assigned

**SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Applicant respectfully directs the Examiner's attention to the recently filed Request for Ex Parte Reexamination under 37 C.F.R. 1.510, now pending as application no. 90/007,276, filed October 29, 2004 ("the Request") in connection with Applicant's previously issued U.S. Patent No. 6,504,308 describing related technology. In addition to the Request itself, applicant directs the Examiner's attention to four prior art patents identified therein that were not previously of record:

US Patent No. 5,059,219 of Plaks et al. issued October 22, 1991  
3,981,695 of Fuchs issued September 21, 1976;  
3,984,215 of Zucker issued October 5, 1976; and  
3,026,964 of Penney issued March 27, 1962

In addition to the Reexamination and prior art cited therein, Applicant has subsequently conducted an updated prior art search using the following key words/terms: electric wind; ion wind; ionic wind; ion propulsion; corona wind; electrophoresis; ion drag pressure generation; gas pumping in electrical discharges; electro-fluid-dynamics (EFD); electrohydrodynamic (EHD); EGD; and plasma driven air propulsion, resulting in the identification of the patents and patent publications not previously of record in the present application cited in the attached PTO/SB/08A Form.

This Supplemental Information Disclosure Statement is filed pursuant to 37 C.F.R. § 1.97(b)(3), before the mailing date of a first Office Action on the merits. Applicants hereby petitions that the Supplemental Information Disclosure Statement be considered.

I hereby certify that no item of information contained in this Supplemental Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this Supplemental Information Disclosure Statement.

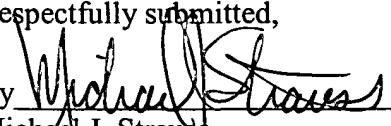
In accordance with 37 CFR § 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. In accordance with 37 CFR § 1.97(h), the filing of this Supplemental Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is “prior art” for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 1.98(a)(2) as amended effective October 21, 2004, unless otherwise requested, copies of the U. S. patents and U. S. patent publications listed on the PTO/SB/08A are not being provided. (*See* Changes to Support Implementation of the U. S. Patent & Trademark Office 21<sup>st</sup> Century Strategic Plan, 69 Fed. Reg. 56482 at 56510, 56511 (Sept. 21, 2004).) Accordingly, the Examiner is respectfully requested to substantively consider the listed references.

No fee is required for this submission. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. 432.004 CIP/10101579.

Dated: December 1, 2004

Respectfully submitted,

By   
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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	432.004 CIP/10101579
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	RE30480		01/13/1981	Gelfand	
AB	D411,001		06/15/1999	Pinchuk	
AC	D420,438		02/08/2000	Pinchuk	
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AE	D433,494		11/07/2000	Pinchuk et al.	
AF	D434,483		11/28/2000	Pinchuk	
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BA	2,765,975		10/09/1956	Lindenblad	
BB	3,026,964		03/27/1962	Penney	
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BD	3,198,726		08/03/1965	Trikilis	
BE	3,740,927		06/26/1973	Vincent	
BF	3,907,520		09/23/1975	Huang et al.	
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BH	3,981,695		09/21/1976	Fuchs	
BI	3,984,215		10/05/1976	Zucker	
BJ	4,086,152		04/25/1978	Rich et al.	
BK	4,216,000		08/05/1980	Kofoid	
BL	4,315,837		02/16/1982	Rourke et al.	
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BN	4,401,385		08/30/1983	Katayama et al.	
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Examiner Signature	Date Considered
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
				Application Number	10/735,302
				Filing Date	December 15, 2003
				First Named Inventor	Igor A. KRICHTAFOVITCH
				Art Unit	2821
				Examiner Name	Not Yet Assigned
Sheet	2	of	1	Attorney Docket Number	432.004 CIP/10101579

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BW	4,783,595	11/08/1988	Seidl	
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CC	5,059,219	10/22/1991	Plaks et al.	
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CE	5,136,461	08/04/1992	Zellweger	
CF	5,138,513	08/11/1992	Weinstein	
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CH	5,199,257	04/06/1993	Colletta et al.	
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CS	6,394,086	05/28/2000	Barnes et al.	
CT	6,574,123	06/03/2003	Wiser et al.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CU	Request for Ex Parte Reexamination under 37 C.F.R. 1.510; application No. 90/007,276, filed on October 29, 2004	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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